

DUAL FERRORESONANT POWER SUPPLY

FFRBLUDUAL SERIES



Description

The series of ferroresonant power supplies FFRBLUDUAL of BLUNERY, were designed as the ideal low cost solution to power all the active equipment deployed in today's HFC networks where service interruption can be accepted.

Its proven ferroresonant technology allows for a very stable and quasi-sinusoidal regulated O/P voltage.

The available powers and the possibility to select different output voltages, make these power supplies a very good option to fulfill all the different network designs.

Main Features

- Proven and efficient ferroresonant technology.
- Tight regulated output voltage (in its working range).
- Field selectable 60 / 90VAC output for all models.
- Overload and shortcircuit protection.
- Input DIN circuit breaker protection.
- Quick and easy wiring and deployment.
- Active output LED indicator.
- Wall and pole mount.

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SPECIFICATIONS

SPECIFICATIONS	FFRBLUDUAL10	FFRBLUDUAL15
ELECTRICAL		
INPUT		
Nominal Voltage [VAC]	110 / 120 - 220 / 240	110 / 120 - 220 / 240
Frequency [Hz]	50 - 60	
Nominal Voltage Tolerance [%]	-20 to 15	
Nominal Power [VA]	600	900
Nominal Current [Amps]*	6,50 - 3.20	9.90 - 4.90
Maximum Current @ I/P VAC Nom -20% [Amps]*	8.65 - 4.30	14.20 - 7.00
Efficiency [%]*	≥ 85	
Power Factor [%]*	> 0.90	
OUTPUT		
Nominal Voltage [VCA] - Field Selectable	60 / 90	
Nominal Current [Amps]	10 / 7	15 / 10
Regulation [%]	5	
Waveform	Quasi-Sinusoidal	
Overload Protection [%]	130	
Shortcircuit Protection	Yes	
EXTENDED		
ON/OFF Power Switch	DIN Thermomagnetic Circuit Breaker, 16-1P	
Active O/P Indicator	High brightness green LED	
I/P Terminal Block	3 x positions (L, N, GND)	
O/P Coax Connector [inches]	5/8 - Female	
MECHANICAL		
Dimensions: H x W x D [mm/inches]	310 x 188 x 174 / 12.20 x 7.40 x 6.85	
Weight [Kg/Lbs]	17 / 37.47	18 / 39.68
Mount	Wood or concrete pole, wall	
Protection Grade	IP43	
Material and Paint	High Quality Aluminum & RAL 7032-Grey	
ENVIRONMENTAL		
Working Temperature [°C/°F]	-40 to +55 / -40 to +131	
Storage Temperature [°C/°F]		
Relative Humidity - Non Condensing [%]	0 to 95	

* O/P Voltage 60VAC